**Scoring Rubric**

Components:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Category** | **Unacceptable 1pt** | **Partially Complete 2pts** | **Target 3pts** | **points** |
| **Understanding** | 1) A student has no idea what slope means.  2) A student misses more than 2 terms related to a linear function.  3) A student cannot graph a linear function, so he or she just draws a coordinate grid. | 1) A student can remember a formula of slope but does not understand the meaning.  2) A student forgot 1 term related to a linear function.  3) A student can graph a linear function, but it is partially completed. | 1) A student can understand slope conceptually and explain the formula in class.  2) A student can describe the terms ‘independent and dependent variables’, ‘range and domain’, and ‘y-intercept’.  3) A student can graph linear function properly by using a table. |  |
| **Analyzing/Applying** | 1) A student cannot do anything when he or she sees a question.  2) A student cannot use a graphing calculator at all.  3) A student has no idea what is going on during the class. | 1) A student knows how to get a slope but cannot apply to a random linear function graph.  2) A student successfully graphs using a graphing calculator, but he or she cannot understand how to get certain x or y-value.  3) A student can change slope or y-intercept but cannot analyze. | 1) Using a random linear function graph, a student can get a slope value.  2) A student can use a graphing calculator properly to graph a linear function and can get certain x or y-value by tracing or using the table.  3) A student can change slope or y-intercept and compare to the original graph. |  |
| **Participation** | 1) A student does not have any interested in class.  2) A student does not try to answer the questions and copy others’ answers.  3) A student interrupts their team members and lacks concentration. | 1) A student tries to participate in class.  2) A student misses some questions in his or her worksheet.  3) A student works hard but not really cooperates with their team members. | 1) A student actively participates in class.  2) A student finishes all his or her worksheet problems.  3) A student cooperates with their team members to make understand the concepts conceptually and deeply. |  |

(Total Rubric Score /27) \* 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_Total Score